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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Application Number	10/018,461					
Filing Date	December 19, 2001					
First Named Inventor	TOPALOGLOU, et al.					
Group Art Unit	Not yet assigned 2165					
Examiner Name	Not yet assigned THUY PARDO					
Attorney Docket Number	43413-269370 (4001US)					

				U.S. PATENT DOCUMENT	rs	
Examiner Initials	Cite No.1	U.S. Patent Number	Document Kind Code ² (if known)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
15		5,495,606	A1	BORDEN, et al.	02/27/1996	703/3
A		5,569,580	A1	YOUNG	10/29/1996	435/2
16		5,589,337	Al	FARR	12/31/1996	435/6
185		5,634,053	A1	NOBLE, et al.	05/27/1997	707/4
185		5,692,107	A1	SIMOUDIS, et al.	11/25/1997	766/19
16-		5,702,915	A1	MIYAMOTO	12/30/1997	435/39
16		5,736,354	A1	FIELDEN, et al.	04/07/1998	435/29
16		5,769,074	A1	BARNHILL, et al.	06/23/1998	600/300
1/2		5,787,425	A1	BIGUS	07/28/1998	70+16
1/15		5,811,231	A1	FARR, et al.	09/22/1998	43516
16		5,835,755	A1	STELLWAGEN, JR.	11/10/1998	6713
11/1		5,873,083	A1	JONES, et al.	02/16/1999	76414
No		5,933,818	A1	KASRAVI, et al.	08/03/1999	706/12
11/5		6,109,776	A1	HAAS	08/29/2000	702/20
186		6,128,608	A1	BARNHILL	10/03/2000	106 116
765		6,160,105	Al	CUNNINGHAM, et al.	12/12/2000	536/23.1
16	,	6,308,170	B1	BALABAN	10/23/2001	70413
16		6,427,141	BI	BARNHILL	07/30/2002	906 16
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	FOREIGN PATENT DOCUMENTS									
Examiner Initials	Cite No.1	Office ³	Foreign Patent Do	Cument Kind Code ³ (if known)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document . MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T⁴		
	110.		PCT/US02/077		International Search Report	Filed 03/14/2002	(Colored Figures 7 Appear			
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¹Unique citation designation number. ²See attached Kinds of U.S. Patent Documents. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent document, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language translation is attached.

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Group Art Unit	Not yet assigned 2165				
Examiner Name	Not yet assigned THUY PARDO				
Attorney Docket Number	43413-269370 (4001US)				

		OTHER INFORMATION - NON PATENT LITERATURE DOCUMENTS	
Examiner Initials	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T²
0		BASSETT, D., JR., et al., "Gene Expression Informatics – It's All in Your Mine," Nature Genetics Supplement, vol. 21, January	
18		1999, pp. 51-55.	
		CANFIELD, K., et al., "Mapping XML Documents into Databases: A Data-Driven Framework for Bioinformatic Data	
18		Interchange," AMIA Symposium, November 2000, pp. 121-125.	
0		DUGGAN, D., et al., "Expression Profiling Using cDNA Microarrays," Nature Genetics Supplement, vol. 21, January 1999, pp.	
15		10-14.	
0		ERMOLAEVA, O., et al., "Data Management and Analysis for Gene Expression Arrays," Nature Genetics Supplement, vol. 20,	
15		September 1998, pp. 19-23.	
R		REBHAN, M., et al., "GeneCards: A Novel Functional Genomics Compendium with Automated Data Mining and Query	
15		Reformulation Support," Bioinformatics, vol. 14, no. 8, 1998, pp. 656-664.	
R		TARCZY-HORNOCH, P., et al., "GeneClinics: A Hybrid Text/Data Electronic Publishing Model Using XML Applied to Clinical	
10		Genetic Testing," J. Amer. Med. Inform. Assoc., vol. 7, no. 3, 2000, pp. 267-276.	
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Examiner Signature	Thenspardo	Date Considered	2/5	2005
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¹Unique citation designation number. ²Applicant is to place a check mark here if English language translation is attached.

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Application Number	10/018,461
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First Named Inventor	Thodoros Topaloglou
Group Art Unit	Not-yet-assigned 2165
Examiner Name	Not yet assigned THUY PARDS
Attorney Docket Number	4001US (43413-269370)

U.S. PATENT DOCUMENTS							
Examiner Initials	Cite No.1	U.S. Patent Number	Document Kind Code ¹ (if known)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	
K		6,309,822	Bl	Fodor et al	10-30-2001	43516	
Vision	<i>-</i>	6,418,382	B2	Rothberg et al	07-09-2002	102 20	
1116		6,470,277	B1	Chin et al	10-22-2002	752/19	
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			Foreign Patent I			Date of Publication of	Pages, Columns, Lines,	T
Examiner · Initials	Cite No.1	Office ³	Number ⁴	Kind Code ³ (if known)	Name of Patentee or Applicant of Cited Document	Cited Document MM-DD-YYYY	Where Relevant Passages or Relevant Figures Appear	Τ⁴
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Examiner Signature	Thuis Pardo	Date Considered	2/	7/2005
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